

Curriculum Vitae

1. General Information:

Name	Nationality	Address	Photo
Prof. (Dr.) Abdulmajeed Almaneea	Saudi Arabia	Department of Mechanical and industrial Engineering, College of Engineering, Majmaah University, P. O. Box: 66, Al- Majmaah 11952, Kingdom of Saudi Arabia. Office: +966-16404 Ex. 2596, E-mail: a.almaneea@mu.edu.sa	

2. Education:

Degree	Discipline	Institution
Bachelor	Mechanical Engineering	Faculty of Engineering, King Saud University, KSA
Master	Mechanical Engineering	Faculty of Engineering, Brunel University, UK
Ph.D.	Mechanical Engineering	Faculty of Engineering, University of Leeds, UK

3. ACHIEVEMENTS:

NO.	Achievements
1.	Prince Faisal bin Bandar bin Abdulaziz Award for Excellence and Creativity as the best university doctor.
2	Award of best faculty member in Majmaah University
3	Wining the best project in Majmaah University
4	Win Best paper award of COMSOL conference in Rotterdam, Netherland
5	Certificate of academic achievement from Prince Mohammed bin Nawwaf Saudi Arabian ambassador to the United Kingdom.
6	Two Certificates of academic achievement from Saudi cultural bureau in London.
7	Five appreciation Certificates of work achievement from Ministry of defence.

4. Academic Experience:

Institution	Title
Mechanical engineering , Majmaah University	Heat of department
Civil engineering , Majmaah University	Heat of department
Mechanical engineering , Majmaah University	Assistant Professor
Faculty of Engineering, University of Leeds ,UK	PhD Student & Researcher

5. Non-academic Experience:

Organization	Title	Duties
Majmaah University	Professor	Heat department of mechanical engineering. Work in many committees

Majmaah University	Associate Professor	Heat department of mechanical engineering. Work in many committees
Majmaah University	Assistant Professor	Worked in many positions such as heat department of civil engineering, Head of lab duets, Head of Intellectual awareness
Ministry of defiance	Engineer	working as mechanical engineer in different sectors related to building such as designing, maintenance and construction building.
Advance electronic company	Researcher	Research and development department.
Saudi Aramco	Engineer	Terminal inspection unit

6. Certification or professional registration:

1	Certificate of wining the best paper award from COMSOL conference
2	Certificate of academic achievement from Prince Mohammed bin Nawwaf Saudi Arabian ambassador to the United Kingdom
3	Two Certificates of academic achievement from Saudi cultural bureau in London.
4	Five appreciation Certificates of work achievement from Ministry of defense.
5	More than 17 training courses in technical and develop skill aspects.
6	More than 7 International Conferences with Papers and/or Posters.
7	Reviewer of International Journal.

7. Current membership in professional organizations:

1	The Chartered Institution of Building Services Engineers (CIBSE).
2	Saudi Council of Engineers (SCOE).

8. Service activities within and outside the institution:

1	Work as reviewer for senior project of the Faculty of Engineering – University of Leeds (2012).
2	Work as member of Saudi Student club in Leeds (2011 - 2015)
3	Work as member of Saudi Student club in London (2008)

9. Important publications and presentations from the past five years:

1	Almaneea, A. (2025). Impact of Average velocity and Number of channels on Fluid Flow and Heat Transfer Characteristics in Mini-channel Heat Sink. <i>Journal of Engineering and Applied Sciences</i> , 12(1), 18.
2	Almaneea, A. (2025). Experimental investigation of using waste materials as cooling pads for evaporative cooling system. <i>Arabian Journal for Science and Engineering</i> , 1–7.
3	Almaneea, A. (2024). Computational investigation on transport of heat energy by flow of dusty Carreau fluid with nanoparticles using finite element method. <i>Ain Shams Engineering Journal</i> , 15(2), 102377.
4	Almaneea, Abdulmajeed. "Numerical study of thermal and concentration transport in Sisko ternary-nanofluid." <i>Case Studies in Thermal Engineering</i> 47 (2023): 103083.
5	Almaneea, Abdulmajeed. "Computational investigation on transport of heat energy by flow of dusty Carreau fluid with nanoparticles using finite element method." <i>Ain Shams Engineering Journal</i> (2023): 102377.
6	Almaneea, Abdulmajeed. "Numerical study on heat and mass transport enhancement in MHD Williamson fluid via hybrid nanoparticles." <i>Alexandria Engineering Journal</i> 61.10 (2022): 8343-8354.
7	Almaneea, Abdulmajeed. "Numerical study on thermal performance of Sisko fluid with hybrid nano-structures." <i>Case Studies in Thermal Engineering</i> 30 (2022): 101754.

8	Almaneea, Abdulmajeed. "Thermal analysis for ferromagnetic fluid with hybrid nano-metallic structures in the presence of Forchheimer porous medium subjected to a magnetic dipole." Case Studies in Thermal Engineering 26 (2021): 100961.
9	Almaneea, Abdulmajeed. "Experimental and Numerical Investigation of Single-Phase Forced Convection in Flat Plate Heat Exchanger with Different Numbers of Passes." Arabian Journal for Science and Engineering 45.11 (2020): 9769-9776.
10	Almaneea, Abdulmajeed. "Experimental and Numerical Investigation of Fluid Flow and Heat Transfer in Circular Micro-Channel." Sains Malaysiana 49.10 (2020): 2599-2608.

10. Most recent professional development activities:

1	Heat department of Mechanical engineering.
2	Heat department of civil engineering.
3	lab committee coordinator.
4	Head of Intellectual awareness to students and employees of the faculty of Engineering.
5	Heat of MIE interviewing committee
6	Member of the university's project management
7	Member of the Scientific Excellence
8	Member of the Student Ethics Committee

11. TRAINING COURSES

2023	Implementing Blackboard in Education
2022	NCAAA workshop
2021	The importance of engineering innovation
2021	Integrate thinking skills with teaching
2020	The importance of participating in local and international conferences
2019	International rankings
2018	Application of Electronic Databases in Education and Research
2014	Google Your Personal Assistant in Your research Life
2013	COMSOL Multiphysics CFD Training Course
2012	Feasibility Study
2012	Meeting Management Certificate
2011	Level 2 Award in health and safety in the work place
2009	How to write a Research Paper
2008	Symposium on Asbestos hazard and its removal
2008	Public speech training course
2009	Maintenance contract management
2006	Officer maintenance course
2005	Officer university course
2004	Course in ISO 9001.